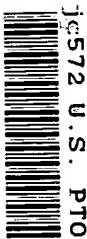


04/09/98



JES72 U.S. PTO

Please type a plus sign (+) inside this box → ☒PTO/SB/05 (12/97)
Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 10690/101683

Total Pages 65

First Named Inventor or Application Identifier

Berend HOUWEN

Express Mail Label No. EM330345405US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 29]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 7]
4. Oath or Declaration [Total Pages 3]
- a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application.
Statement(s) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Other: Application transmittal
..letter.....

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No. 09, 019,932**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME Anne E. Zitron
Reg. No. 411,391ADDRESS BRYAN CAVE LLP
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CITY New York

STATE NY

ZIP CODE

10167

COUNTRY USA

TELEPHONE

212-692-1927

FAX

212-692-1900

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="font-size: small; margin: 5px 0;">Note: Effective October 1, 1997. Patent fees are subject to annual revision.</p>	<p style="text-align: center; font-weight: bold; margin: 0;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>To be Assigned</td> </tr> <tr> <td>Filing Date</td> <td>Concurrently herewith</td> </tr> <tr> <td>First Named Inventor</td> <td>Berend HOUWEN</td> </tr> <tr> <td>Group Art Unit</td> <td>To be Assigned</td> </tr> <tr> <td>Examiner Name</td> <td>To be Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>10690/101683</td> </tr> </table>	Application Number	To be Assigned	Filing Date	Concurrently herewith	First Named Inventor	Berend HOUWEN	Group Art Unit	To be Assigned	Examiner Name	To be Assigned	Attorney Docket Number	10690/101683
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Attorney Docket Number	10690/101683												
TOTAL AMOUNT OF PAYMENT (\$) 830.00													

<p style="text-align: center; font-weight: bold; margin: 0;">METHOD OF PAYMENT (check one)</p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 02-4467</p> <p>Deposit Account Name: _____</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center; font-weight: bold; margin: 10px 0;">FEE CALCULATION</p> <p>1. FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>101 790</td> <td>201 395</td> <td>Utility filing fee</td> <td>790</td> </tr> <tr> <td>106 330</td> <td>206 165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107 540</td> <td>207 270</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108 790</td> <td>208 395</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114 150</td> <td>214 75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td>790</td> </tr> </tbody> </table> <p>2. 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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Anne E. Zitron			Reg. Number	41,391
Signature				Date	4/9/98
				Deposit Account User ID	02-4467

BRYAN CAVE LLP

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April 9, 1998

Express Mail No. EM330345405US
Docket No. 10690/101683

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.53(b), transmitted herewith for filing is the continuation-in-part application of Serial No. 09/019,932, filed on February 6, 1998 of

Inventor(s):

Berend HOUWEN;
Fu-sheng WANG;
Tomohiro TSUJI;
Takashi SAKATA; and
Yukio HAMAGUCHI,

For: PROCESS FOR DISCRIMINATING AND COUNTING ERYTHROBLASTS

Enclosed is:

1. ☒ The application transmitted herewith has 29 pages (including 5 pages of claims and 1 abstract page);.
2. ☒ Seven (7) sheets of drawings are attached to the application;
3. ☒ A Declaration and Power of Attorney for Utility Patent Application - Joint;
4. ☒ A declaration and power of attorney:
 - a. ☒ has been executed by all the inventors; or
 - b. ☐ has not been executed by all the inventors. A signed declaration and power of attorney will be submitted in due course;.
5. An associate power of attorney;

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Date: April 9, 1998


Teresa Concia

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Continuation-in-Part Application of Serial
) No. 09/019,932, filed February 6, 1998
Berend HOUWEN, <i>et al.</i>)
) Examiner: To be Assigned
Serial No.: To be Assigned)
) Art Unit: To be Assigned
Filed: Concurrently herewith)

For: PROCESS FOR DISCRIMINATING AND COUNTING ERYTHROBLASTS

New York, NY
April 9, 1998

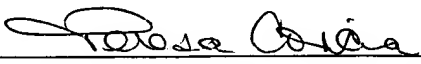
Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING

"Express Mail" mailing label number: EM330345405US
Date of Deposit: April 9, 1998

I hereby certify that the attached Continuation-in-Part Patent Application Transmittal PTO/SB/05, Free Transmittal Form PTO/SB/17, Application Cover Letter, 29 page Application (including 5 pages of claims and 1 abstract page), 7 sheets of Drawings, executed Declaration and Power of Attorney, Preliminary Amendment, Information Disclosure Statement, a check in the amount of \$790.00 to cover the filing fee for the application, Transmittal of Assignment and Submission of Document to Record Execution Date, Assignment with Recordation Cover Sheet, a check in the amount of \$40.00 to cover the Assignment fee, and this return postal card, are being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Teresa Concia
(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

BRYAN CAVE LLP

Assistant Commissioner for Patents

April 9, 1998

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6. ☒ An assignment of the invention to TOA MEDICAL ELECTRONICS, CO., LTD., and a Recordation Form Cover sheet. Please record the Assignment and return it to the undersigned. A duplicate copy of this paper is enclosed;
- a. ☒ A check for \$40.00 to cover the recording fee is enclosed. See paragraph 10.c., below.
- b. ☐ Please charge the recording fee to our Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed;
7. The Priority is hereby claimed under 35 USC §119 based on _____ Patent Appln. No. _____, filed on _____, 199__;
- a. ☐ A certified copy of the priority document is enclosed.
- b. ☐ The certified priority document(s) will follow;
8. A verified statement to establish small entity status under 37 CFR Section 1.9 and 37 CFR Section 1.27 is enclosed;
9. ☒ The filing fee is calculated below.

FOR:	Col. 1	Col. 2	SMALL ENTITY			LARGE ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$395.00	OR		\$790.00
TOTAL CLAIMS	12-20 =	*0	x 11.00	0.00	OR	x 22.00	0.00
INDEP. CLAIMS	1-3 =	*0	x 41.00	0.00	OR	x 82.00	0.00
MULTIPLE DEPENDENT CLAIM PRESENTED			+ \$135.00	0.00	OR	+ \$270.00	0.00
*If the difference in Col. 1 is less than zero, enter "0" in Col. 2							
Total: \$790.00							

10. A verified statement to establish small entity status under 37 CFR Section 1.9 and 37 CFR Section 1.27 is enclosed;
11. ☒ a. ☒ A check for \$790.00 to cover the filing fee is enclosed. See paragraph 10a and 10d, below;
- b. ☐ Please charge Deposit Account No. 02-4467 in the amount of \$____.00. A duplicate copy of this paper is enclosed;

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Assistant Commissioner for Patents

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12. X A Preliminary Amendment;

- a. ☐ No additional fee is due;
- b. ☐ A check in the amount of \$_____ to cover the cost of additional claims is enclosed. See paragraph 10.a., below;
- c. ☐ Please charge our Deposit Account 02-4467 in the amount of \$_____. A duplicate copy of this paper is enclosed;

13. X An Information Disclosure Statement;

X The Commissioner is hereby authorized to charge payment of the following fees associated with this application or with recording any Assignment concerning it, or to credit any overpayment, to Deposit Account No. 02-4467, unless otherwise paid by check.

- a. ☒ If our check is missing or otherwise insufficient, or if any additional fees are required, the Commissioner is authorized to charge (or credit any overpayment) to Deposit Account No. 02-4467. **A duplicate copy of this paper is enclosed.**
- b. ☒ Any additional filing or other fees required under 37 CFR Section 1.16, including any fees for presentation of extra claims.
- c. ☒ Any patent application processing fees under 37 CFR Section 1.17.
- d. ☒ Any additional Assignment recording fees under 37 CFR Section 1.21(h).

Note: See 37 CFR §1.311(b) regarding authorization to pay the issue fee from deposit account.

Respectfully submitted,

By: Anne E. Zitron

Anne E. Zitron

Registration No. 41,391

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